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Abhilash Singh

Generalist Software Developer

Skills

Programming Languages: Java, Postgresql, Javascript, Python, Bash
Frameworks, Libraries: Play, Redis, Apache Kafka, ElasticSearch, Vue
Tools: Linux (Debian), Git, Docker

Employment History

(November 2020 – Present)
Adyen, Amsterdam – `Java Developer`

- Built an OAuth 2.0 server from scratch that allows merchants to grant access to their resources to third party services in a simple and secure way.
- Architecting and implementing the OAuth server as a generic common library which could be used by multiple products within the company.
- Implemented the UI for managing the OAuth clients and grants.
- Assisted a large scale technical partner in implementing the OAuth integration (providing documentation and technical support).
- Worked on implementing a set of REST endpoints aimed at replacing a web portal used by merchants to manage their configurations and settings.

(June 2020 – September 2020)
Univ.AI Bangalore, India – `Consultant Developer`

- Developed a Python based sandboxed code execution environment with support for Jupyter notebooks.
- Worked on a digital learning platform to build tools that allow administrators/teachers to co-ordinate with students and keep track of prospective new sign-ups.

(September 2017 – March 2020)
Reliance Payment Solutions Limited (Reliance Jio) Bangalore, India – `Full Stack Developer`

- Worked on a coupons platform to serve promotions to multiple clients, including a mobile application and a mobile-only micro-site.
- Integrated with a mPOS (Mobile Point of Sale) system to provide functionality such as dynamic coupon allocation based on the cart, discount calculation, and end to end tracking of coupon redemption as well as analytics.
- Helped in redesigning the platform to incorporate multi-tenancy and targeted promotion delivery.
- Contributed major features/bug-fixes to a Play(Java) based backend.
- Developed a mobile exclusive React based end user application used for serving coupons.
- Maintaining a legacy Angular 1.x based internal web application, migrating it from an older Clojure based backend to a new Java based implementation.
- Wrote Python/bash scripts for deployments, generating data for performance testing.

(February 2016 – March 2017)
Infosys, Mangalore, India – `System Engineer`

- Worked on a project for a major US based client, developed using ASP.NET MVC, SQL Server and AngularJS.

Personal Projects

- **Beamer** – A web based cricket simulator which simulates cricket matches based on real-life historical match data. `Demo`/ `Source`

Education

(October 2011 – June 2015)
Atria Institute of Technology, Bangalore, KA – `Bachelor of Engineering (71%)`

(March 2010 – May 2011)
Kendriya Vidyalaya, Hebbal, Bangalore, KA – `Intermediate (83.8%)`

(March 2008 – May 2009)
Kendriya Vidyalaya, Belgaum, KA – `High School (86.6%)`